Index of Claims

| Application No. | Applicant(s)       |
|-----------------|--------------------|
| 10/729,718      | MORIKAWA, YOSHINAO |
| Examiner        | Art Unit           |

| , | Rejected | ı | (Through numeral)<br>Cancelled |  |  |  |  |  |
|---|----------|---|--------------------------------|--|--|--|--|--|
|   | Allowed  | + | Restricted                     |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

Huan Hoang

| A | Appeal   |
|---|----------|
| 0 | Objected |

2818

| Cla          | aim      | Date          |                        |          |                   | Claim Date |               |  |           |          | CI   | aim             | Date              |         |                           |          |             |            |          |                 |   |                 |   |  |          |          |   |
|--------------|----------|---------------|------------------------|----------|-------------------|------------|---------------|--|-----------|----------|--|-----------------|-------------------|---------|---------------------------|----------|-------------|------------|----------|-----------------|---|-----------------|---|--|----------|----------|---|
|              | <u>a</u> | 8             |                        |          | 1 1               |            | 11            | _  | <u>la</u> |          |  | H               |                   |         |                           |          | _           | <u> </u>   |          |                 |   |                 |   |  |          |          |   |
| Final        | Original | 10/17/04      |                        |          |                   |            |               | Final  | Original  |          |  |                 |                   |         | Ì l                       | -        | Final       | Original   |          |                 |   |                 |   |  |          |          |   |
| "            | ŏ        | 5             |                        |          |                   |            |               | "  | ŏ         |          | 1  |                 |                   |         |                           | - 1      | ш.          | ŏ          |          |                 |   |                 |   |  |          |          |   |
|              | 1        | 1             |                        | -+-      | ++                | +          | +             | <br>   | 51        |          | +  | $\vdash$        | -+                | +       | +                         | ᅱ        |             | 101        |          | $\vdash$        | _ | $\vdash$        |   | $\vdash$   | $\dashv$ | $\dashv$ |   |
|              | 2        | 1             | $\Box$                 | $\dashv$ | +                 | $\dashv$   | +             | <del>                                     </del> | 52        | $\dashv$ | _  | $\vdash$        | $\dashv$          |         | 1-1                       | $\dashv$ | _           | 102        | -        |                 | _ |                 |   | Н  | $\dashv$ | ┪        |   |
|              | 3        | H             |                        | $\neg$   | $\vdash$          | _          | $\Box$        |  | 53        |          | _  | $\Box$          | $\neg \uparrow$   |         |                           | $\neg$   |             | 103        |          |                 |   |                 |   | Н  | $\dashv$ | 寸        | _ |
|              | 4        | T             |                        |          |                   |            |               |  | 54        |          | 1  |                 | 一                 |         | T                         | $\neg$   |             | 104        |          |                 |   | П               |   |  | $\neg$   | ヿ        |   |
|              | 5        | П             |                        |          |                   |            |               |  | 55        |          |  |                 |                   |         |                           |          |             | 105        |          |                 |   |                 |   |  | $\neg$   |          |   |
|              | 6        | 1             |                        |          |                   |            |               |  | 56        |          |  |                 |                   |         |                           |          |             | 106        |          |                 |   |                 |   |  |          |          |   |
|              | 7        | √             | Ш                      | $\perp$  | $\bot$            | $\bot$     | $\perp$       | $\sqcup$   | 57        | _        | $\bot$   | Ш               | _                 |         | $\sqcup$                  | _        | ,           | 107        |          |                 |   |                 |   | Ш  | _        |          |   |
|              | 8        | 0             | $\square$              |          | ++                | $\perp$    | $\perp \perp$ | $\sqcup$   | 58        |          | $\bot$   | Ш               | $\dashv$          | _       | $\sqcup$                  | _        |             | 108        |          |                 |   |                 |   |  | $\dashv$ | _        |   |
|              | 9        | 1             | -                      | +        | ++                |            | +             | $\vdash$   | 59        |          |  |                 | -                 | _;_     | $\vdash$                  | 4        |             | 109        | _        |                 |   | Ш               |   | Ш  | _        |          |   |
| <u> </u>     | 10       | <b>1</b><br>√ | $\vdash\vdash\vdash$   | +        | 1 1               | +          | +             | $\vdash \vdash \vdash$                           | 60        |          | +  |                 | $\dashv$          | +       | $\vdash$                  | _        |             | 110        | <u> </u> | $\vdash \vdash$ |   | Н               |   | Н  | $\dashv$ | $\dashv$ |   |
| -            | 11<br>12 | 1             | H                      | +        | +                 | +          | +             | $\vdash$   | 61<br>62  | _        | +  | $\vdash$        | +                 | -       | +                         | $\dashv$ |             | 111<br>112 | -        |                 |   | $\vdash$        |   | $\vdash\vdash$                                   | $\dashv$ |          |   |
| -            | 13       | ┝             | $\vdash$               | +        | ++                | +          | +             | $\vdash$   | 63        | +        | +  | $\vdash$        | $\dashv$          | +-      | +                         | $\dashv$ |             | 113        | -        | -               |   | Н               |   | Н  | $\dashv$ | $\dashv$ |   |
| $\vdash$     | 14       | $\vdash$      | $\square$              | +        | ++                | +          | +             | $\vdash$   | 64        | $\dashv$ | +  | $\vdash$        | $\dashv$          | +       | +                         | $\dashv$ |             | 114        | Н        | Н               |   | H               |   | Н  | $\dashv$ | $\dashv$ |   |
|              | 15       |               |                        | $\top$   | t                 | +          | $\top$        |  | 65        |          | +  | П               | 十                 |         | $\Box$                    | 一        |             | 115        | _        |                 | _ | М               | - | Н  |          | 寸        |   |
|              | 16       |               |                        | _        | 1                 |            |               |  | 66        | $\neg$   | $\top$   | $\Box$          | 寸                 |         | $\Box$                    | $\neg$   |             | 116        |          |                 | _ | П               |   | П  | $\dashv$ | $\dashv$ |   |
|              | 17       |               |                        |          |                   |            |               |  | 67        |          |  |                 |                   |         |                           |          |             | 117        |          |                 |   |                 |   |  |          | ╗        | _ |
|              | 18       |               |                        |          |                   |            |               |  | 68        |          | $\perp$  |                 |                   | $\perp$ |                           |          |             | 118        |          |                 |   |                 |   |  |          |          |   |
|              | 19       |               |                        |          |                   |            |               |  | 69        |          |  |                 |                   |         |                           |          |             | 119        |          |                 |   |                 |   |  |          |          |   |
|              | 20       |               |                        |          | $\prod$           |            | $\Box$        |  | 70        |          | $\perp$  |                 | $\Box$            |         | $\Box$                    |          |             | 120        |          | $\Box$          |   |                 |   |  |          |          |   |
|              | 21       | L             | $\sqcup \sqcup$        |          | +                 | $\bot$     | $\sqcup$      |  | 71        |          |  | Ш               | $\perp$           |         | $\sqcup$                  | _        |             | 121        |          | Ш               | _ | Щ               |   | Ш  | _        | _        |   |
|              | 22       | <u> </u>      | $\square$              | 4        | +                 | $\perp$    | +             | $\sqcup \sqcup$                                  | 72        | $\perp$  | $\bot$   | $\sqcup$        | $\perp$           |         | $\sqcup$                  | ᅴ        | ļ           | 122        |          |                 |   | Щ               |   | Ш  | _        | _        |   |
|              | 23       | <u> </u>      | $\square$              | +        | +                 | +          | +             | $\vdash \vdash$                                  | 73        | +        | +  | $\vdash \vdash$ | $\dashv$          | _       | $\vdash$                  | $\dashv$ | ļ           | 123        |          | $\vdash \vdash$ |   | $\vdash \vdash$ |   | Щ  | _        | _        |   |
| -            | 24<br>25 | -             |                        | - -      | +                 | +          | +             |  | 74<br>75  | +        | +  | $\vdash$        |                   | _       | $\dashv$                  | $\dashv$ |             | 124<br>125 | -        | $\mid - \mid$   |   | -               | _ | Н  | $\dashv$ | $\dashv$ |   |
| -            | 26       | -             | $\vdash$               | +        | + +               | +          | +             | $\vdash \vdash$                                  | 76<br>76  | +        | +  | $\vdash \vdash$ | $\dashv$          | +       | $\dashv$                  | $\dashv$ | $\vdash$    | 125        |          | $\vdash$        | _ | -               | _ | Н  | $\dashv$ | $\dashv$ |   |
|              | 27       | $\vdash$      | $\vdash \vdash \vdash$ | +        | +                 | +          | +             | $\vdash$   | 77        | $\dashv$ | +  | $\vdash \vdash$ | $\dashv$          | +       | +                         | $\dashv$ |             | 127        |          | $\vdash$        |   | H               | _ | $\vdash$   | $\dashv$ | $\dashv$ | _ |
| <del> </del> | 28       | -             |                        | - -      | +-                | $\dashv$   | +             | 1  | 78        | $\dashv$ | +  | $\vdash$        | 十                 | +       | $\dagger \dagger \dagger$ | $\dashv$ |             | 128        | _        | $\vdash$        | - | $\vdash$        |   | $\vdash$   | -        | $\dashv$ |   |
|              | 29       |               | HH                     | +        | 1 1               | $\dashv$   | +             |  | 79        |          | +  | $\vdash$        | $\dashv$          | ,       | $\dagger \dagger$         | ᅱ        |             | 129        |          | Н               |   | Н               | - | Н  | $\dashv$ | $\dashv$ |   |
|              | 30       |               | $\square$              | _        | $\dagger \dagger$ | _          | $\top$        |  | 80        |          | 1  | $\Box$          | $\neg$            | `       | $\dagger \dagger$         | $\dashv$ |             | 130        |          | $\Box$          |   | П               |   |  |          |          | _ |
|              | 31       |               |                        |          |                   |            |               |  | 81        |          |  |                 |                   |         |                           |          |             | 131        |          |                 |   |                 |   |  |          |          |   |
|              | 32       |               |                        |          |                   |            |               |  | 82        |          |  |                 |                   |         |                           |          |             | 132        |          |                 |   |                 |   |  |          |          |   |
|              | 33       |               |                        |          |                   |            | $\Box$        |  | 83        |          |  | Ш               | $oldsymbol{\bot}$ |         | Ш                         | _]       |             | 133        |          |                 |   |                 |   |  | $\Box$   | $\Box$   |   |
|              | 34       | _             | $\Box$                 | $\perp$  | +                 | $\bot$     | $\sqcup$      | $\sqcup \sqcup$                                  | 84        | _        | _  | $\sqcup$        | $\perp$           |         | 4_4                       |          |             | 134        | _        | Ш               |   |                 |   |  |          |          |   |
| <u> </u>     | 35       | _             |                        | +        | ++                | +          | +             | $\vdash \vdash \vdash$                           | 85        | $\perp$  | 4  | $\vdash$        | $\dashv$          | +       | +                         | _        | <u> </u>    | 135        | <u> </u> | $\square$       |   |                 |   | Ш  | _        |          |   |
| <u> </u>     | 36       | _             | $\vdash\vdash\vdash$   | +        | ++                | +          | +             | $\vdash$   | 86        | +        |  |                 | -                 | +       | +                         | $\dashv$ |             | 136        | <u> </u> | Н               |   |                 |   | -  | $\dashv$ |          | _ |
|              | 37<br>38 | -             | HH                     | $\dashv$ | +                 |            | +             | $\vdash$   | 87<br>88  | +        | +-   | $\vdash$        | $\dashv$          |         | +                         | $\dashv$ |             | 137<br>138 |          | $\vdash$        |   | $\vdash$        | _ | $\vdash$   |          |          | _ |
| -            | 39       | $\vdash$      | $\vdash\vdash\vdash$   |          | ╂═┼               |            | ╅┥            |  | 89        |          | +-   | ┉┤              | $\dashv$          | +       | +                         | $\dashv$ |             | 138        | -        | Н               | - |                 | - | $\vdash$   | $\dashv$ | $\dashv$ | _ |
| <b></b>      | 40       | $\vdash$      |                        |          | +-+               | $\dashv$   | +             | <del>                                     </del> | 90        | $\dashv$ | +  | $\vdash$        | $\dashv$          | +       | +                         | -        | <del></del> | 140        | -        | $\vdash$        |   |                 |   | $\vdash$   | $\dashv$ | -        |   |
|              | 41       | -             | H                      |          | † †               |            | +             | $\vdash$   | 91        | $\dashv$ | +  | $\vdash \vdash$ | $\dashv$          | +       | +                         | $\dashv$ |             | 141        | Ι        | H               |   | $\vdash$        | _ | <del>                                     </del> | -        | _        |   |
|              | 42       | T             |                        | $\dashv$ | 1 1               |            | $\top$        |  | 92        | _        | $\top$   | $\vdash$        | $\dashv$          | $\top$  | 11                        | -        |             | 142        | H        | Н               |   | Н               |   | $\vdash$   | _        | _        | _ |
|              | 43       | Γ             |                        | $\top$   | 1                 |            | $\top$        |  | 93        |          |  | П               |                   | 1       | 17                        | $\neg$   |             | 143        |          | П               |   |                 | _ |  |          |          | _ |
|              | 44       |               |                        |          |                   |            |               |  | 94        |          |  |                 |                   |         |                           |          |             | 144        |          |                 |   |                 |   |  |          |          | _ |
|              | 45       |               |                        |          |                   |            |               |  | 95        |          | $oldsymbol{ol}}}}}}}}}}}}}}$ |                 |                   | $\perp$ |                           |          |             | 145        |          |                 |   |                 |   |  |          |          |   |
|              | 46       |               |                        |          |                   |            |               |  | 96        |          |  | 口               |                   |         |                           |          |             | 146        |          |                 |   |                 |   |  |          | $\Box$   |   |
|              | 47       | _             |                        |          | 1-1               |            | $\perp$       |  | 97        | _        |  | Ш               | $\Box$            |         | $oxed{oxed}$              |          | L           | 147        |          |                 |   |                 |   |  |          | $\Box$   |   |
| L            | 48       | _             | _ _                    |          | +                 | $\perp$    | $\bot$        | $\sqcup$   | 98        | _        | +  | $\sqcup$        | _                 | 4-      | $\downarrow \downarrow$   |          |             | 148        | _        | Ш               |   |                 |   | _  |          |          |   |
| <u> </u>     | 49       | <u> </u>      | $\square$              | -        | +                 | +          | 44            | $\vdash \vdash$                                  | 99        | $\dashv$ | +-   | $\vdash$        | -                 | -       | +                         |          | <u> </u>    | 149        | _        | Ш               |   | Ш               | _ | <u> </u>   | _        | _        |   |
|              | 50       | <u> </u>      | oxdot                  |          |                   | L          |               | oxdot  | 100       |          |  |                 |                   |         |                           |          |             | 150        | L.       | L               |   |                 |   |  |          |          |   |